

# CERTIFICATE

Quality-Assurance System for material manufacturer  
according to Pressure Equipment Directive 2014/68/EU

Certificate no.: 07/202/9190/WZ/0807/21

Name and address  
of the manufacturer:

Liberty Ostrava a.s.  
Plant 15 Tube plant  
Vratimovská 689/117, Kunčice  
719 00 OSTRAVA, CZ

Herewith we certify that the manufacturer has established and applies a **quality-assurance system related to the material**. This QA System has been subjected to a specific assessment acc. to directive 2014/68/EU, annex I, point 4.3 with regard to the materials mentioned in the scope of approval.

Approved acc. to directive  
2014/68/EU:

QA-System in relation to materials,  
EN 764-5, section 4.2

Certification file no.:

9190/WP/0807/21

Audit report file no.:

4318311/04

Scope of approval:  
(product / material)

Seamless and Helically submerged arc-welded steel tubes  
Non-alloy and alloy steel, Alloy fine grain steel

Production site:

Vratimovská 689/117, Kunčice  
719 00 OSTRAVA, CZ

The certificate is valid until:

10/2024

Only valid in conjunction with a valid certificate acc. to EN ISO 9001.

Attachment:  
Scope of approval



Notified Body 0045 for pressure equipment



Digitally signed  
by Vavra Josef  
Date: 2021.11.02  
10:46:20 +01'00'

TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg

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Phone +420 296 587 211

Member of



CONFÉDÉRATION EUROPÉENNE D'ORGANISMES DE CONTRÔLE

To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD GROUP root certificate is required: <https://www.tuev-nord.de/en/customer-login/digital-signature/>

# TÜV NORD Systems GmbH & Co. KG



## Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate

X Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3. Zertifikat-Nr. / Certificate No.: 071202/9190/WZ/0807/21  
 X AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 071203/9190/WP/0807/21

Firma / Company:		Ort / Location:		AZ / File No.:		SAP-Nr.:		Datum / Date:	
Liberty Ostrava a.s., Plant 15 – Tube plant		Vratimovská 689/117, Kunčice 719 00 Ostrava, CZ		4319368/02		9190/WZ/0807/21 Erweit		11.11.21	
Nr.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions Dicke Thickness [mm]	Ø / Gewicht Ø / Weight [mm] / [kg]	Prüfgrundlagen Test specifications	Bemerkungen Remarks	
1	2	3	4	5	6	7 / 8	9	10	
1 Werkstoffe nach harmonisierten Normen (2014/68/EU) / Materials according to harmonized standards (2014/68/EU)									
1.1	P195TR2 to P265TR2	DIN EN 10216-1	N	Seamless tubes	2,3-25	21,3-273	IC 3.1	In connection with the regulations within column 9, the materials meet the general mechanical and technological requirements of PED. The specific operation conditions have to be given by the pressure equipment manufacturer. If necessary, the involved notified body has give his agreement.  1) = valid for coil	
1.2	P195GH to P265GH 16Mo3 10CrMo5-5, 10CrMo9-10 13CrMo4-5 X11CrMo9-1+NT X11CrMo9-1+NT X11CrMo9-1+NT X11CrMo5+NT1, +NT2 X11CrMo5+NT1, +NT2	DIN EN 10216-2	N	Seamless tubes	2,3-25	21,3-273	IC 3.1		
1.3	P275NL1, P275NL2 P355N, P355NH P355NL1, P355NL2 P215NL, P265NL P195TR2 bis P265TR2 P235GH P265GH P355N, P355NH P355N, P355NH	DIN EN 10216-3	N	Seamless tubes	2,3-25	21,3-273	IC 3.1		
1.4	P215NL, P265NL	DIN EN 10216-4	N	Seamless tubes	2,3-25	21,3-273	IC 3.1		
1.5	P195TR2 bis P265TR2	DIN EN 10217-1	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	IC 3.1		
1.6	P235GH P265GH	DIN EN 10217-5	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	IC 3.1		
1.7	P355N, P355NH P355N, P355NH	DIN EN 10217-3	N <sup>1)</sup>	SAWH pipes	8 5-16	711 324-1016	IC 3.1 IC 3.2		

### Erklärung / Explanation:

\*+AT = Lösungsgeglüht / solution annealed, +N1 = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)

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 X AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/203/9190/WP/0807/21

Firma / Company:		Ort / Location:		AZ / File No.:		SAP-Nr.:		Datum / Date:	
Liberty Ostrava a.s., Plant 15 – Tube plant		Vratimovská 689/117, Kuncice 719 00 Ostrava, CZ		4319368/02		9190/WZ/0807/21 Erweit		11.11.21	
Nr.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions Dicke Thickness [mm]		Ø / Gewicht Ø / Weight [mm] / [kg]	Prüfgrundlagen Test specifications	Bemerkungen Remarks
1	2	3	4	5	6	7	8	9	10
2 Werkstoffe nach AD 2000/Materials according to AD 2000									
2.1	P195TR2 to P265TR2	DIN EN 10216-1	N	Seamless tubes	2,3-25	21,3-273	IC 3.1	IC 3.1	Inspection certificate EN 10204-3.1. acc to AD2000-W4, table 1 a, note 2 and acc. to AD2000-W10, table 1, note 11 See letter of agreement, TÜV NORD file: 4320118/01 / 06.03.2020  1) = valid for coil  Additional Remarks: The manufacturer fulfilled the requirements acc. to TRD 100
2.2	P195GH to P265GH 16Mo3	DIN EN 10216-2	N	Seamless tubes	2,3-25	21,3-273	IC 3.1	IC 3.1	
	10CrMo5-5, 10CrMo9-10	DIN EN 10216-2	NT	Seamless tubes	2,3-25	21,3-273	IC 3.2 for AD2000-W4	IC 3.2 for AD2000-W4	
	13CrMo4-5	DIN EN 10216-2	NT	Seamless tubes	6,3-25	139,7-273	IC 3.2 for AD2000-W4	IC 3.2 for AD2000-W4	
2.3	P275NL1, P275NL2	DIN EN 10216-3	N	Seamless tubes	2,3-25	21,3-273	IC 3.1 for AD2000-W4, W10	IC 3.1 for AD2000-W4, W10	
	P355N, P355NH	DIN EN 10216-3	N	Seamless tubes	2,3-25	21,3-273	VdTÜV Wbi. 352/2	VdTÜV Wbi. 354/2	
	P355NL1, P355NL2	DIN EN 10216-3	N	Seamless tubes	2,3-25	21,3-273	IC 3.2 for AD2000-W10 and	IC 3.2 for AD2000-W10 and	
2.4	P215NL, P265NL	DIN EN 10216-4	N	Seamless tubes	2,3-25	21,3-273	VdTÜV Wbi. 354/2	VdTÜV Wbi. 354/2	
2.5	P195TR2 bis P265TR2	DIN EN 10217-1	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	IC 3.1 for AD2000-W4, W10	IC 3.1	
2.6	P235GH	DIN EN 10217-5	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	IC 3.1	IC 3.1	
	P265GH	DIN EN 10217-5	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	IC 3.1	IC 3.1	

### Erläuterung / Explanation:

\* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered,  
 +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)



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X	AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0	Zertifikat-Nr. / Certificate No.: 07/203/9190/WP/0807/21

Firma / Company:		Ort / Location:	AZ / File No.:	SAP-Nr.:	Datum / Date:			
Liberty Ostrava a.s., Plant 15 – Tube plant		Vratimovská 689/117, Kuncice 719 00 Ostrava, CZ	4319368/02	9190/WZ/0807/21 Erweit	11.11.21			
Nr.	Werkstoffbezeichnung Material designation	Spezifikation Specification	Lieferzustand* Delivery cond.*	Erzeugnisform Product type	Abmessungen Dimensions Dicke Thickness [mm]	Ø / Gewicht / Weight [mm] / [kg]	Prüfgrundlagen Test specifications	Bemerkungen Remarks
1	2	3	4	5	6	7 / 8	9	10
4 Werkstoffe nach anderen Standards, Technische Regeln / Materials according to other standards, technical rules								
4.1	S235JRH, S275J0H, S275J2H, S355J0H, S355J2H, S275NH, S275NLH, S355NH, S355NLH, S355K2H, S420NH, S420NLH, S460NH, S460NLH	DIN EN 10210-1,2 DIN EN 10210-1,2 DIN EN 10210-1,2 DIN EN 10210-1,2 DIN EN 10210-1,2	N N N N N	Seamless tubes Seamless tubes Seamless tubes Seamless tubes Seamless tubes	2,3-25 2,3-25 2,3-25 2,3-25 2,3-25	21,3-273 21,3-273 21,3-273 21,3-273 21,3-273	Regulation 305/2011/EU CE - mark	Certifies for constructions products with "CE- Marking" according to annex ZA of EN 10210-1 and EN 10219-1. Details of the certificate are published in the certificate of the Certification Body CPR of TÜV NORD Systems.
4.2	S235JRH, S275J0H, S275J2H, S355J0H, S355J2H	DIN EN 10219-1,2	N <sup>1)</sup>	SAWH pipes	5-16	324-1016	Regulation 305/2011/EU CE - mark	Certified for constructions products with "Ü - Zeichen" acc. to the German standard "Bauregelliste". Details of the certification are written in the certification documents of the "PÜZ-Body" of TÜV NORD Systems GmbH.
4.3	St 37.0, St 44.0, St 52.0	DIN 1629	N	Seamless tubes	2,3-25	21,3-273	BRL Ü - mark	

Erläuterung / Explanation:

\*+AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered, +M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)